



IFW

Application No. 5649-1293

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Ko et al.

Application No.: 10/814,553

Filed: March 31, 2004

For: METHODS FOR FORMING A THIN FILM ON AN INTEGRATED CIRCUIT DEVICE  
BY SEQUENTIALLY PROVIDING ENERGIES TO ACTIVATE THE REACTANTS

Confirmation No.: 7435

Group Art Unit: 1765

Date: June 1, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)**


Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office to 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

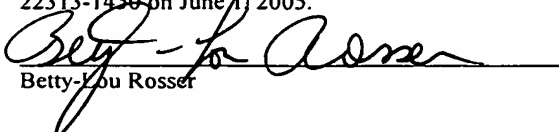
Respectfully submitted,

  
Jarett K. Abramson  
Registration No. 47,376

Myers Bigel Sibley & Sajovec, P.A.  
P. O. Box 37428  
Raleigh, North Carolina 27627  
Telephone: (919) 854-1400  
Facsimile: (919) 854-1401  
Customer No. 20792

**Certificate of Mailing under 37 CFR § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 1, 2005.

  
Betty Lou Rosser

Sheet

**B1**

**of**

**B1**

Application Number

10/814,553

Filing Date

March 31, 2004

First Named Inventor

Ko et al.

### Group Art Unit

1765

Attorney Docket Number

5649-1293

Examiner  
Initials\*

Cite No.

U.S. Patent Document

Number

Kind Code  
(if known)

Name of Patentee or Applicant of Cited Document

Date of Publication of Cited Document  
MM-DD-YYYY

Examiner  
Initials\*Cite  
No.

Foreign Patent Document

Offic  
e

Number
1989700174

Kind Code  
(if known)

Name of Patentee or Applicant of Cited Document

Date of Publication  
of Cited Document  
MM-DD-YYYY

T

1.

KR

1989700174

---

Ohta et al.

01/11/1989

## Abstract

Examiner  
Initials\*Cite  
No.

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

T

**2.**

Korean Office Action corresponding to application no. 20030020786, dated April 29, 2005.

$$\overline{x}$$

**Examiner Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.